



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



May 24, 2000

Philip McLellan
Planning Analyst Supervisor
Office of Policy and Management
450 Capitol Avenue
Hartford, CT 06106



RDMS DocID 00100148

RE: Stadium at Rentschler Field, East Hartford

Pratt & Whitney
CTD990672081
R-9
KDC# 100148

Dear Phil:

The Permitting, Enforcement & Remediation Division of the Bureau of Water Management ("the Department") has reviewed the plan titled "Rentschler Field, East Hartford, Connecticut, Work Plan, Soil and Ground Water Characterization", dated May 2000. The plan proposes soil and groundwater investigations at the site of the proposed stadium at Rentschler Field in East Hartford, Connecticut. The plan was prepared by Marin Environmental, Inc. on behalf of the State Of Connecticut Office of Policy and Management. Unless otherwise noted, the word "site" hereinafter refers to the 75 acre parcel proposed to be transferred to the State of Connecticut.

As part of the review of the plan, the Department also reviewed portions of the report "Draft, Site Investigation and Remedial Report for the North Parcel Area of the Airport/Klondike Area at Pratt & Whitney East Hartford Connecticut, EPA ID No. CTD990672081", dated May 4, 2000, prepared by Loureiro Engineering Associates, Inc. for United Technologies Corporation. This is hereinafter referred to as the "UTC Report".

The Department has the following comments on the plan:

Section 3.2.2, Stadium Parcel Description, Ground Water: The groundwater and surface water classifications and use should be noted. In regard to groundwater, documentation is required to confirm that all residences within 500 feet of the site boundaries are connected to the public water supply.

Section 3.3.2, Stadium Parcel Environmental Units, Northern Klondike Area:

Marin Environmental personnel have reportedly observed what were described as two additional excavation areas within the North Klondike Environmental Unit area that are not discussed in the UTC report. One area is immediately south of well NK-MW-06; the other area is near well MK-MW-17S. Information should be provided by Pratt & Whitney regarding these areas, including but not limited to the purpose of the excavations, the amount of material excavated, and available analytical data. Additional subsurface investigations may need to be performed in these areas based on a review of the data, or if analyses were not conducted.

Documentation should be submitted regarding the amount of soil excavated and removed from the excavations in the North Klondike Unit Environmental Area, and the final disposition of the excavated soil.

Section 3.3.4, Stadium Parcel Environmental Units, Northern Airport Runway: Pratt & Whitney should provide additional documentation regarding the use of Rentschler Airport and deicing chemicals applied. Information should be provided regarding the number of flights, identification of deicing chemicals used, and the amounts used per year in the last ten years of airport operation.

Section 5.1.2., Soil and Ground Water Sample Locations:

Additional borings and sampling are required to fill data gaps in the North Klondike Environmental Unit area. The following are specific locations, with rationale:

- Two locations in the topographically high area southeast of proposed monitoring well MW-WL-3, with analyses for total petroleum hydrocarbons (TPH), semivolatile organic compounds (SVOCs) and PCBs. This mounded area was reportedly used for disposal of parking lot sweepings and construction debris and has been previously sampled for metals and screened for VOCs.
- Two or more locations in the high area south of proposed monitoring well MW-WL-2 and east of existing well NK-MW-17S. This high, mounded area is within the filled pond area and has not been sampled previously.
- One or more locations approximately halfway between proposed monitoring well MW-WL-2 and existing well NK-MW-17S, (the vicinity of former test pit NK-TP-02), with analyses for TPH and VOCs. A release of these constituents had occurred, based on previous data from the test pit. Confirmation samples from the sides and base of the test pit were not analyzed for total petroleum hydrocarbons, and no sampling was performed in an area within 20 feet north of the test pit.
- One location in a high area approximately 330 feet southeast of existing monitoring well NK-MW-06S. This mound has not been investigated. Somewhat elevated concentrations of metals were previous found in surficial samples obtained in this vicinity of the site.

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- A sediment sample from Willow Brook should be obtained and analyzed for SVOCs at a point upstream of where groundwater emanating from the Silver Lane Pickle Company Environmental Unit would discharge to the brook. Elevated levels of SVOCs have been found in soil at the former Silver Lane Pickle Company area, and SVOCs have been detected in one downstream location.

Section 5.1.3, Analytical Methodologies, and Table 2:

PCBs should be included as analytes for soil samples collected from proposed borings SB-SFP-1 through 4, and SFP-1D, SFP-2D and SFP-3D within the proposed stadium footprint.

Section 5.1.9, Ground water Sampling, pg. 21:

A groundwater elevation contour map must be prepared and included in the report documenting the results of the investigation. (This comment should also be addressed in Section 4.0, Scope of Work, page 13 and Section 7.1, Final Report, page 34.) Groundwater elevations from all monitoring wells and water elevations from staff gauges should be depicted on this map.

A minimum of one additional round of groundwater elevation and staff gauge measurements should be obtained prior to the commencement of stadium construction, and a corresponding groundwater elevation contour map should be prepared and submitted.

Please feel free to call me at 424-3780 if you have any questions regarding these comments.

Sincerely,

Richard C. Hathaway - j

Richard C. Hathaway
Environmental Analyst 3
Permitting, Enforcement & Remediation Division
Bureau of Water Management

cc: James T. Olsen, L.E.P, Marin Environmental, Inc.
Bob Kaliszewski, DEP

June 1, 2000 North Klondike Site Walk-Over

Participants: Bob Deptula (P&W), Alan Heater (Marin Environmental), Richard Hathaway (CT DEP), Boris Tomicic (LEA)

1:40pm – Meet at Guard Post #6 at 1:30pm; Bob Deptula signs Richard Hathaway in as visitor, with approval from Alice Klein, and obtains a badge.

1:50pm - Leave OBE in Boris's car

2:00pm – Arrive at North Klondike Undeveloped Land Area Outside Storage Area;

- Find NK-MW-06S and orient on soil removal area approximately 75 feet the south
- Find NK-MW-17S
- Locate approximate former location of NK-TP-02
- Rich establishes that he would like additional analyses in this region (NK-TP-02), Geoprobe borings down to groundwater; original analyses did not include TPH
- Investigate mounded area to east of existing monitoring well NK-MW-17S; Find chunks of asphalt at various surficial locations in this mounded area; asphalt seems to be indicative of fill in this region; Alan agrees to install 3 or more hand auger borings in this mounded area down to approximately 4 feet
- Rich takes a few pictures in area

3:10pm – Walked south along perimeter road reaching section of road west of North Klondike Undeveloped Land Soil Pile Area (these are

- Beavers have been very busy in this area, flooding the entire drainage swale along the east side of the perimeter road
- Flooding has encroached along approximately 1000 feet of the perimeter road
- Per Rich's request Alan will install a few hand auger borings in the sandy soil piles and analyze for TPH and SVOCs
- Rich takes a few pictures in this area

3:30pm – Leave the Klondike Area